[11]

4,495,651

Froeliger

Date of Patent: [45]

Jan. 22, 1985

[54]	BROADCAST RECEIVER COMPRISING AN
	ENTIRELY ELECTRONIC CONTROL
	DEVICE

[75] Inventor: Denis Froeliger, Paris, France

[73] Assignee: Societe d'Electronique Industrielle

d'Elbeuf-Elindel, Paris, France

[21] Appl. No.: 446,891

[22] Filed: Dec. 6, 1982

[30] Foreign Application Priority Data

Dec. 9, 1981 [FR] France 81 23029

[51] Int. Cl.³ H04B 1/08; H04B 1/16 U.S. Cl. 455/158; 334/15; 340/365 C; 340/712; 455/159; 455/168; 455/234; 455/347

[58] Field of Search 455/345-347, 455/90, 158, 170, 177, 179, 161, 168; 334/15, 85; 340/365 C, 365 VL, 712, 716, 815.2; 200/DIG. 1

[56] References Cited

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

1303409 11/1971 Fed. Rep. of Germany. 2036840 6/1972 Fed. Rep. of Germany . 2355413 4/1980 France. 158740 4/1981 United Kingdom .

Patent Number:

OTHER PUBLICATIONS

Funkschau, vol. 49, No. 22, Oct., 1977, Munich, Germany, Auto-und Reiseempfanger: "Die Kleinen" mausern sich, pp. 1020-1024.

Nachrichten Elektronik, vol. 31, No. 11, Nov., 1977, Berlin, Germany, G. Dickopp: "Entwicklungstendenzen in der Horrundfunk-Empfangstechnik," pp. 313-315.

IEEE Transactions on Broadcast and Television Receivers, vol. BTR 20, No. 4, Nov., 1974, G. Whelpley: "Solid State Audio Control," pp. 299-310.

Primary Examiner-Marc E. Bookbinder Attorney, Agent, or Firm-Pollock, Vande Sande & Priddy

[57] **ABSTRACT**

A broadcast receiver is provided for mounting on board a motor vehicle, whose control circuit is entirely electronic. The receiver comprises a case whose front face. accessible to the user, is free from unevennesses or appreciable projections and which presents an opaque appearance when the receiver is stopped. The front wall is formed by a plate made from a tinted transparent plastic material. It comprises four sensitive zones which are formed by metallizations on the rear face of the plate so as to form capacitive proximity sensor keys. The indication of the wave range is effected by selective illumination of zones comprising graduations and/or by means of a double seven-segment display.

21 Claims, 3 Drawing Figures

